



# Considerations for cloning a database to an alternate host

SnapManager Oracle

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# Considerations for cloning a database to an alternate host

Before you can clone to a host other than the one on which the database resides, there are some requirements that must be met.

The following table shows the source and target host setup requirements:

| Prerequisite set up                | Requirement   |
|------------------------------------|---|
| Architecture                       | Must be the same on both the source and target hosts  |
| Operating system and version       | Must be the same on both the source and target hosts  |
| SnapManager for Oracle             | Must be installed and running on both the source and target hosts   |
| Credentials                        | Must be set for the user to access the target host  |
| Oracle                             | The same software version must be installed on both the source and target hosts.<br><br>The Oracle Listener must be running on the target host. |
| Compatible storage stack           | Must be the same on both the source and target hosts  |
| Protocol used to access data files | Must be the same on both the source and target hosts  |
| Domain                             | Both remote host and the host on which the database resides must be in the domain and not in the workgroup                                      |

## Cloning a database to an alternate host

You can use the clone create command to clone a database backup on an alternate host.

- Create a profile or have an existing profile.
- Create a full backup or have an existing database backup.
- Create a clone specification or have an existing clone specification.

1. To clone a database to an alternate host, enter the following command: `smo clone create -backup-label backup_label_name-newsid new_sid-host target_host-label clone_label-commentcomment_text-profileprofile_name-clonespec full_path_to_clonespecfile`

Oracle does not let you run two databases with the same SID simultaneously on the same host. Because of this, you must supply a new SID for each clone. However, you can have a database on another host with the same SID.

## **Related information**

[Creating profiles](#)

[Cloning databases from backups](#)

[Creating clone specifications](#)

[The smo clone create command](#)

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